Palomar Amateur Radio Club

January 2020 SCOPE Newsletter

January General Meeting

Topic General discussions

Meeting date:

Wednesday, January 8th at 19:30

3209 Harding St Carlsbad, CA 92008

We will have discussions about the future of the club, technical changes, and activities.

Upcoming Events

Newsletter update

Apologies for the repeat email! I've removed the no-longer-available QSL cards, as well as further details for the general meeting tomorrow.

Complete Your Antenna!

If you started building a 2 meter Direction Finding antenna back at the November 2019 club meeting, we'd like to hear from you. We want to setup another gathering were you can finish that. Probably on a Saturday. Please drop me an email (MembershipChair) at palomararc.org and I'll coordinate a get together.

73,

Glen AI6RR

USMC training class for basic RF and basic electronics

It (the classes) will be something like twice a week, say Tuesday and Thursday from 9:30am to ~noon, starting in February. They want 8 weeks but it could be shorter if I can cover it quicker. It will likely depend on their potential for deployments as well. I will do a power point type slide show that I will make up for each class. I am not knowledgeable in all areas so I am just reaching out to see if I can get others to teach certain aspects and just give me a break now and then. Randy Standke may offer to do some antenna presentations I am waiting to hear back.

Location is Miramar Air Station.

1. Determine level of each participant so as to focus on the best training approach. Introduce myself.
2. Ohms Law for DC, calculation of current, voltage drop, power and voltage divider.
3. Ohms law for AC circuits, introduce capacitance and inductance and complex number basics, impedance concept R+jX , magnitude and phase basics. W=2*Pi*F
4. dBs what and how and why(10*log(P1/P2))
5. AC power and the idea of frequency response caused by R,L and C.
6. Circuit components, RLC, diodes, transistors, tubes, ferrites and batteries (various kinds).
7. Digital components, uP, memory(EEPROM,RAM)
8. Circuits like amplifiers, oscillators, mixers, filters
9. Signals and emissions, carrier, Modulation AM, FM, SSB, Vector.
10. Bandwidths, Intermod, duty cycle, S/N performance of various modulations
11. Antennas and transmission lines, matching, impedance concept, SWR and measurements. Dipole, vertical, directional antennas etc.
12. Radio wave propagation at HF, path loss concept, antenna capture area, ionosphere reflections, solar influence.

Tom Stanford
thse-3.14159@cox.net

At the December meeting, we saw these photos from Ron K2RP. They are re-published here for everyone's enjoyment.

Rubbermaid
Keepers
Clear Box
HAMMARLUND
HQ-ONE-SEVENTY

Chair Reports

From the Membership Table:

You can check your membership status at any time at palomararc.org/parc-membership-check (or just clip on the callsign below).

Will Lapse in Jan and Feb

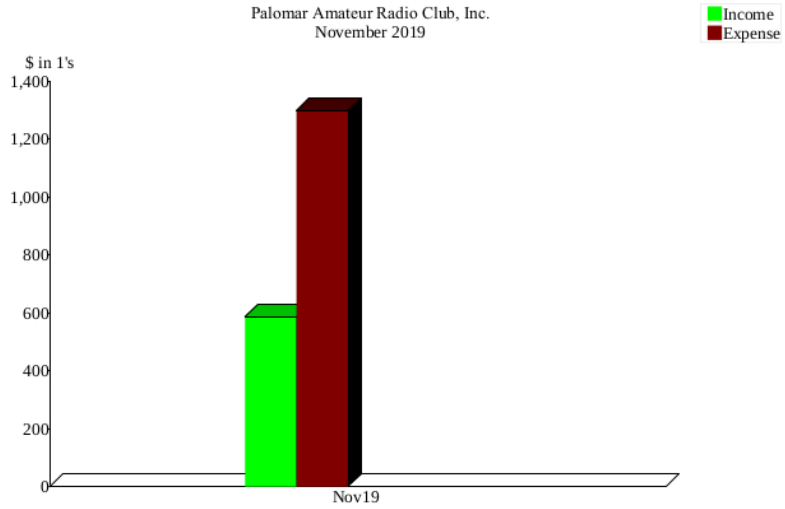
KC9IYR / WILLIAM - Jan 02, 2020
KI6KJG / ROBERT - Jan 02, 2020
KI6JMH / JOAN - Jan 03, 2020
W6OKY / GWEN - Jan 05, 2020
KG6ZRR / ROBERT - Jan 06, 2020
WA6ALW / STEVE - Jan 06, 2020
K6GHN / BILL - Jan 07, 2020
KJ6LLB / GLEN - Jan 12, 2020
N6XDX / TODD - Jan 26, 2020
NN6V / MARK M. - Jan 29, 2020
W9UVZ / RICHARD - Feb 01, 2020
KJ6DYG / ROBERT - Feb 02, 2020
KY6LA / HOWARD - Feb 02, 2020
N6UF / SCOTT - Feb 03, 2020
WA6MTF / ROBERT - Feb 04, 2020
AG6CF / BRIAN - Feb 06, 2020
NU6Y / JOHN - Feb 07, 2020
K6RJF / ROB - Feb 18, 2020

Lapsed in Aug thru Dec

WA3YTI / MARTY - Aug 01, 2019
KG6HSQ / RONALD - Aug 02, 2019
KM6HLX / RICHARD - Aug 05, 2019
KM6SMJ / Michael - Sep 04, 2019
W6MJM / MARVIN - Sep 05, 2019
K5TZ / TONY - Sep 06, 2019
W6RAS / Robert - Sep 21, 2019
KF6C / BRIAN - Oct 02, 2019
KG6VVN / DAN - Oct 03, 2019
KM6VXO / Paul - Oct 03, 2019
KM6OEZ / JON - Nov 14, 2019
KE6ZLY / GLENN L - Dec 10, 2019
NI6H / RICH - Dec 12, 2019

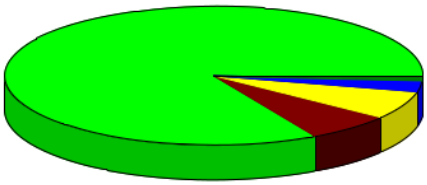
Based on 01/03/2020 data

Financial Report



Expense Summary
November 2019

Meeting Room Expns	$1,080.00
Rptr Electric	88.32
Equipment Storage	85.00
Rptr Phone	34.72
Auction Expns	10.80
Total	$1,298.84



Income

Amazon Smile 39.72

Dues 548.12

Total Income 587.84

Expense

Auction Expns 10.80

Equipment Storage 85.00

Meeting Room Expns 1080.00

Rptr Electric 88.32

Rptr Phone 34.72

Total Expense 1,298.84

Net Income -711.00

Your Board of Directors

Call Sign	Name	Position
K6JPE	Joe	President
NN3V	Charlie	Vice-President
WB6IQS	John	Secretary
W0NI	Tom	Treasurer
AI6RR	Glen	*Membership Chair*
KB6NMK	Jo	Director #1
KI6RXX	Greg	Director #2
VACANT	VACANT	*Scope Editor*
KF6WTN	Mark	*Repeater Tech Chair*
NO6I	Guido	Webmaster

Scope Articles/Content

Please submit articles or content to scope@palomararc.org if you have done something interesting please share with us!
We'd love to see your HAM shacks, mobile rigs, hiking rigs, stories about your hikes or expeditions, anything you think other club members may be interested in reading about.

Donate

Palomar Amateur Radio Club is a 501(c).(3) Nonprofit organization

Copyright © 2020 Palomar Amateur Radio Club, All rights reserved.

Want to change how you receive these emails?
You can update your preferences or unsubscribe from this list.

mailchimp